

RAIDER[®]

Value Without Compromise[™]

Commercial Packaged Rooftop Units 3- to 12.5-Ton ZC/ZG/ZH Models

13.0 SEER, UP TO 11.5 EER
AND 13.2 IEER



LENNOX[®]
Innovation never felt so good.[®]

Value Without Compromise™

With the expansion of the Raider® rooftop unit line, Lennox delivers value and convenience, without compromising on quality. It's built in Lennox' award-winning factory and thoroughly tested for reliable performance. Available in 3- to 12.5-ton gas/electric, electric/electric and heat pump models, it's designed to be compatible with many replacement installations and fit with one of the most popular curb sizes currently in use. And best of all, it's available when you need it.

RAIDER® ROOFTOP UNITS AT A GLANCE:

*3- to 12.5-ton gas/electric,
electric/electric and
heat pump models available*

*Over 200 quality
checkpoints per unit*

*Save up to \$1,500 on
replacement projects**

*Compatible with popular curb size,
eliminating need for adaptor curb*

*Stocked at 100% of Lennox
commercial distribution facilities
and select Lennox PartsPlus® stores*

EFFICIENCY RATING

*13.0 SEER, up to 11.5 EER
and 13.2 IEER*

WARRANTIES

*10-Year Limited Warranty
on aluminized gas heat exchanger*

*5-Year Limited Warranty
on compressor*

*3-Year Limited Warranty
on Environ™ Coil System*

*1-Year Limited Warranty
on covered components*

See warranty certificate for actual details.

Proven reliability

Built in Lennox' award-winning facility, every Raider rooftop unit uses quality materials in construction. Furthermore, every Raider unit undergoes careful component verification, a minimum 200-point quality check and a rigorous run-testing regimen before leaving the factory. Extensive leak testing is performed on coils to ensure integrity before shipping. As a result, the Raider rooftop unit offers years of dependable service and trouble-free operation.

Replacement compatibility

Because they use the most popular footprints in the light commercial industry, Raider units can eliminate the need for an adaptor curb and utilize existing utility connections in many replacement jobs. This means easier installation and savings up to \$1,500 per unit.* In addition, Raider units are up to 18% lighter than competitive units, not only eliminating additional structural engineering costs, but also making the units easier to lift and move.

Expanded offering

The Raider family now includes a 7.5- to 12.5-ton model to accommodate more commercial replacement jobs. Like other Raider units, this new offering provides great IEER and EER ratings and eliminates the need for an adaptor curb, so you can quickly provide an efficient replacement unit for most leading brands. These new units can be configured at the factory with an MSAV® (multi-stage air volume) supply fan, which optimizes energy efficiency by matching fan speed with compressor demand. Additionally, Raider rooftop units have optional BACnet integration, the industry's leading networking protocol, and integrate seamlessly with building automation systems.



*\$1,500 savings is calculated in replacement jobs where the Raider® unit matches the footprint, eliminating the need for an adaptor curb, any plumbing, electrical and/or structural engineering costs.

Rapid Replacement® means Raider® right now.

The Raider® rooftop packaged unit is a brilliant example of the kind of thinking Lennox puts into commercial heating and cooling. The Rapid Replacement® program makes Raider an even smarter solution by putting it right where you need it, right when you need it, with just a phone call. Rapid Replacement is your immediate connection for dependable, hardworking commercial equipment from Lennox, backed by the expertise and professionalism of dedicated service personnel committed to your success.



Rapid Replacement means availability

Raider rooftop units are kept in stock at Lennox distribution facilities and select Lennox PartsPlus® stores around the country. They are available with same-day delivery in many major markets, and shipped to 98% of North America in 48 hours or less.

Rapid Replacement means help is here

Rapid Replacement representatives are standing by on our hotline any time you need them. They'll help you find exactly the right equipment for the job, and give you a quote in just minutes.

Rapid Replacement means compatibility

Raider's compatibility with the most popular curb sizes means that when you call Rapid Replacement, you get a solution that fits.

Rapid Replacement means choice

When you choose Raider through Rapid Replacement, you're going to be able to help a lot of customers. Raider is available in most the most popular and versatile tonnages, including 3-, 5-, 7.5- and 10-ton sizes.

Rapid Replacement means energy savings

Raider offers up to 13.0 SEER, 11.5 EER and 13.2 IEER efficiency.



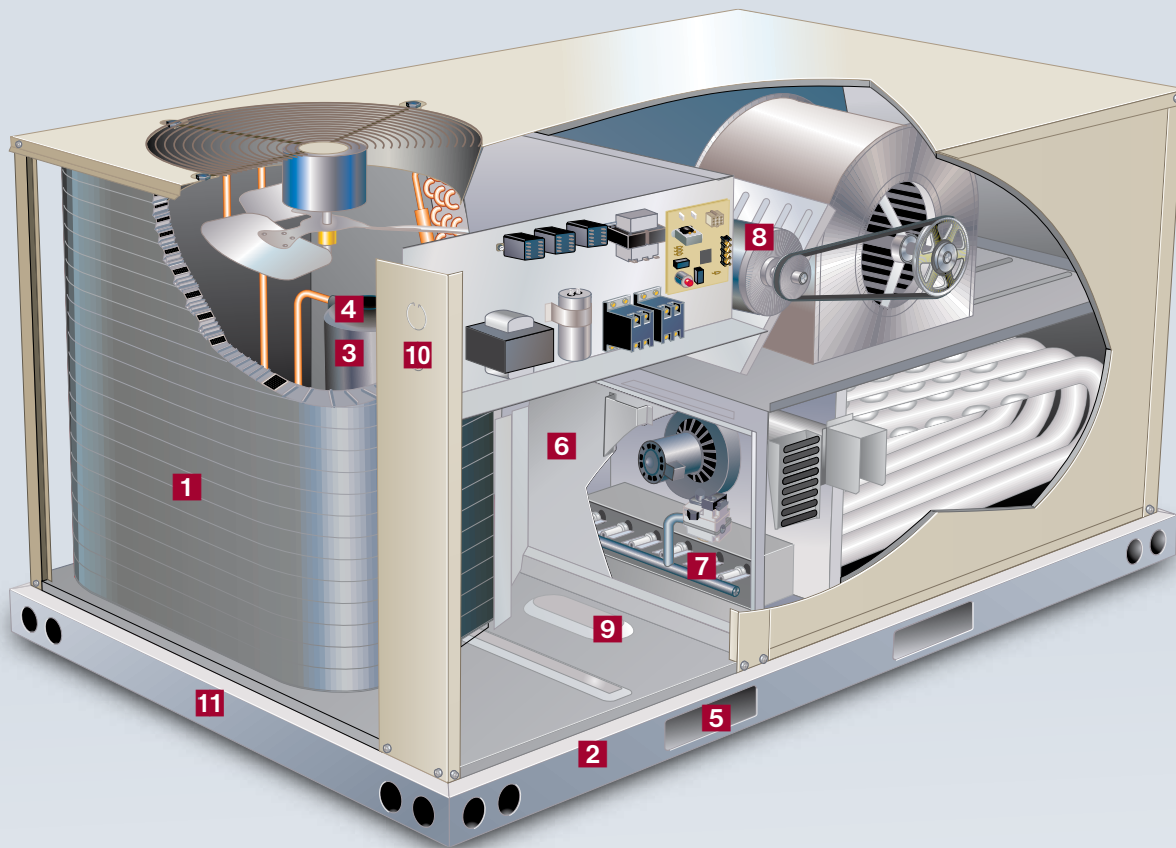
*Get answers in seconds, quotes
in minutes and replacement
equipment now.
Call 1-877-792-0024*

Rapid Replacement Rewards

Building owners aren't the only ones who benefit from the immediate availability and convenience of the Lennox Rapid Replacement Rewards program. With every eligible Lennox® equipment purchase, contractors and dealers can receive cash back when orders are placed through the Rapid Replacement hotline.

Visit LennoxRapidReplacement.com to learn more and sign up.

RAIDER®



Quality components built for performance

- 1 Environ™ Coil System:** Uses up to 52% less refrigerant, is up to 59% lighter and has up to 20% fewer brazed joints than typical rooftop units.
- 2 Full-Perimeter Base Rail:** Provides greater structural integrity, so the unit is easier to handle when rigging and transporting.
- 3 High-Pressure Switch:** Improves reliability by safeguarding compressor from extreme operating conditions.
- 4 Scroll Compressor:** Standard on all units for reliable long-term operation.
- 5 Fork Slots on Three Sides:** Easy to pick up and transport units from almost any angle.
- 6 Large Gas Access Panel:** Provides easy access to all gas valves.
- 7 Additional Gas Heating Tubes:** Allow lower temperatures per burner for increased reliability while providing the same heating comfort.
- 8 MSAV® Supply Fan:** Achieves a higher level of energy savings and comfort control with blower speed modulation (factory option on 7.5- to 12.5-ton models).
- 9 Power Entry:** Electrical lines can be brought through the unit base or horizontal access knock-outs for fast, easy installation.
- 10 Electrical Connections:** Match existing connections on many popular models, making replacement easier.
- 11 Unit Footprint:** Compatible with 20+ years of existing units, eliminating the cost of an adaptor curb in many replacement jobs.

Toolless Filter Panel: Allows easy replacement of filters without the need for tools (not shown).

Raider® commercial packaged rooftop unit performance specifications

| | NOM TON. | MODEL | COOLING DATA | | HEATING INPUT | | | | PHYSICAL DATA | | |
|----------------------------|----------|-------------|--------------|--------------|---------------|-------------|---------|--------|----------------------------------|--------------------|------|
| | | | EER | SEER OR IEER | LOW | STD. | MED. | HIGH | DIMENSIONS H X W X L [INCHES] | SHIP WT. [LBS.] | |
| GAS/ELECTRIC UNITS | 3 | ZGA036S4B | 11.5 | 13.0 | – | 65 | 108 | – | 37 x 47 x 76 | 489 | |
| | 4 | ZGA048S4B | 10.6 | 13.0 | – | 65 | 108 | 150 | 37 x 47 x 76 | 503 | |
| | 5 | ZGA060S4B | 10.7 | 13.0 | – | 65 | 108 | 150 | 37 x 47 x 76 | 535 | |
| | 7.5 | ZGA092S4B/M | 11 | 11.8/13.0 | – | 130 | 180 | 240 | 49 x 61 x 96 | 987 | |
| | 8.5 | ZGA102S4B/M | 11 | 11.8/13.0 | – | 130 | 180 | 240 | 49 x 61 x 96 | 1007 | |
| | 10 | ZGA120S4B/M | 11 | 11.8/13.0 | – | 130 | 180 | 240 | 49 x 61 x 96 | 1047 | |
| | 12.5 | ZGA150S4B/M | 10.8 | 11.4/12.0 | – | 130 | 180 | 240 | 49 x 61 x 96 | 1137 | |
| | | | | | KW RANGE* | | | | | | |
| ELECTRIC/ELECTRIC UNITS | 3 | ZCA036S4B | 11.5 | 13.0 | 5 | 7.5 | 10 | 15 | – | 37 x 47 x 76 | 456 |
| | 4 | ZCA048S4B | 10.6 | 13.0 | 5 | 7.5 | 10 | 15 | 22.5 | 37 x 47 x 76 | 470 |
| | 5 | ZCA060S4B | 10.7 | 13.0 | 5 | 7.5 | 10 | 15 | 22.5 | 37 x 47 x 76 | 502 |
| | 7.5 | ZCA092S4B/M | 11.2 | 12.0/13.2 | 7.5 | 15 | 22.5 | 30 | 45 | 49 x 61 x 96 | 987 |
| | 8.5 | ZCA102S4B/M | 11.2 | 12.0/13.2 | 7.5 | 15 | 22.5 | 30 | 45 | 49 x 61 x 96 | 1007 |
| | 10 | ZCA120S4B/M | 11.2 | 12.0/13.2 | 15 | 22.5 | 30 | 45 | 60 | 49 x 61 x 96 | 1047 |
| | 12.5 | ZCA150S4B/M | 11 | 11.6/12.2 | 15 | 22.5 | 30 | 45 | 60 | 49 x 61 x 96 | 1137 |
| | | | | | 47 CAP. | HSPF/COP 47 | 17 CAP. | COP 17 | | | |
| HEAT PUMPS UNITS | 3 | ZHA036S4B | 11.3 | 13.0 | 34,200 | 7.7/3.42 | 20,400 | 2.18 | 37 x 47 x 76 | 535 | |
| | 4 | ZHA048S4B | 10.8 | 13.0 | 45,000 | 7.7/3.40 | 27,400 | 2.24 | 37 x 47 x 76 | 544 | |
| | 5 | ZHA060S4B | 10.9 | 13.0 | 58,500 | 7.7/3.50 | 33,400 | 2.20 | 45 x 47 x 76 | 590 | |

NOTE: Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change.



Raider® units win on curb appeal

Raider® rooftop units were selected as a Silver Award winner in the 2013 ACHR News Dealer Design Awards by an independent panel of contractors.



Solutions for customized comfort

Don't just choose a Lennox® product—choose a Lennox Commercial Comfort System.

These complete packages of HVAC solutions provide tools to create a healthy and comfortable environment.



Packaged Units

- Emergence® Rooftop Units
- Strategos® Rooftop Units
- Landmark® Rooftop Units
- Raider® Rooftop Units



Commercial Controls

- Systems Integration Solutions
- Commercial Thermostats
- L Connection® Network



Solar Ready

- SunSource® Commercial Energy System



Indoor Air Quality

- Humiditrol® Dehumidification System
- Demand Control Ventilation
- Air Filters
- UVC Lamps



Split Systems

- S-Class® Air Conditioners/Heat Pumps
- T-Class™ Air Conditioners/Heat Pumps
- Air Handlers
- Indoor Coils



Heating

- Unit Heaters
- Duct Furnaces
- Furnaces



Innovation never felt so good.®

Visit us at www.lennox.com, or contact us at 1-877-726-0024.

© 2014 Lennox Industries Inc.
For a complete list of the registered and common law trademarks owned by Lennox Industries Inc., please visit www.lennox.com.



Litho U.S.A.